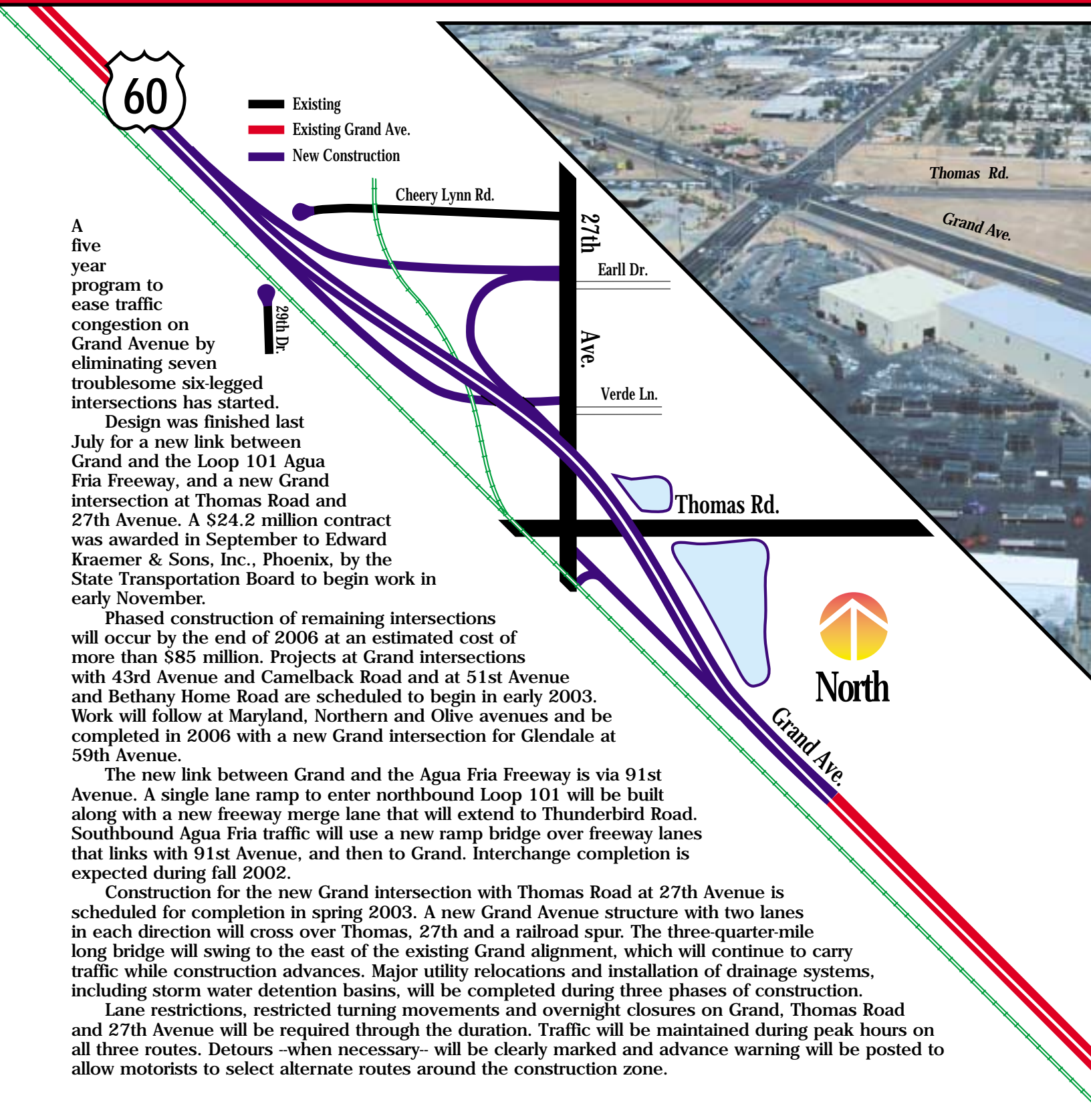


ARIZONA DEPARTMENT OF TRANSPORTATION

GRAND AVENUE CORRIDOR

CONSTRUCTION ALERT

OCTOBER 2001



A five year program to ease traffic congestion on Grand Avenue by eliminating seven troublesome six-legged intersections has started.

Design was finished last July for a new link between Grand and the Loop 101 Agua Fria Freeway, and a new Grand intersection at Thomas Road and 27th Avenue. A \$24.2 million contract was awarded in September to Edward Kraemer & Sons, Inc., Phoenix, by the State Transportation Board to begin work in early November.

Phased construction of remaining intersections will occur by the end of 2006 at an estimated cost of more than \$85 million. Projects at Grand intersections with 43rd Avenue and Camelback Road and at 51st Avenue and Bethany Home Road are scheduled to begin in early 2003. Work will follow at Maryland, Northern and Olive avenues and be completed in 2006 with a new Grand intersection for Glendale at 59th Avenue.

The new link between Grand and the Agua Fria Freeway is via 91st Avenue. A single lane ramp to enter northbound Loop 101 will be built along with a new freeway merge lane that will extend to Thunderbird Road. Southbound Agua Fria traffic will use a new ramp bridge over freeway lanes that links with 91st Avenue, and then to Grand. Interchange completion is expected during fall 2002.

Construction for the new Grand intersection with Thomas Road at 27th Avenue is scheduled for completion in spring 2003. A new Grand Avenue structure with two lanes in each direction will cross over Thomas, 27th and a railroad spur. The three-quarter-mile long bridge will swing to the east of the existing Grand alignment, which will continue to carry traffic while construction advances. Major utility relocations and installation of drainage systems, including storm water detention basins, will be completed during three phases of construction.

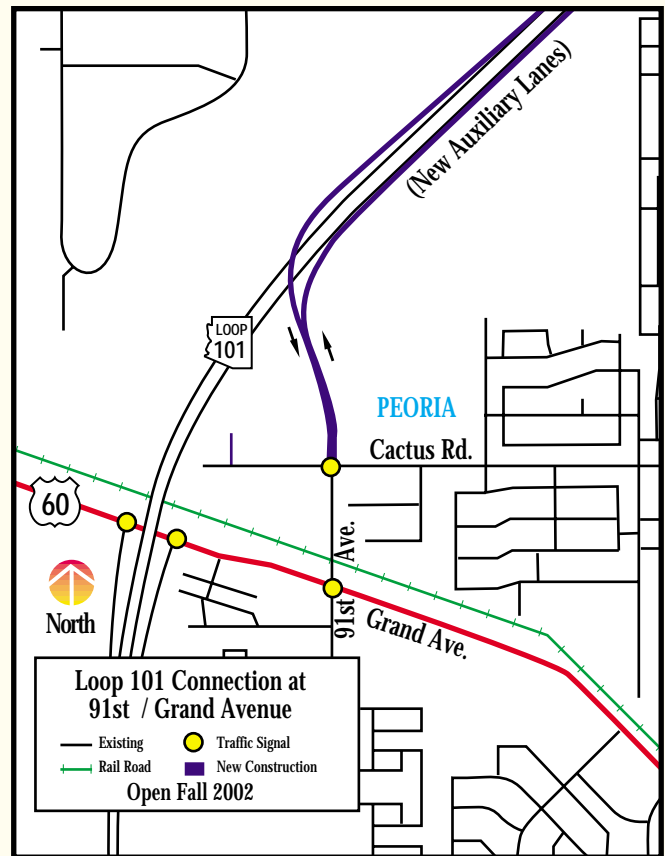
Lane restrictions, restricted turning movements and overnight closures on Grand, Thomas Road and 27th Avenue will be required through the duration. Traffic will be maintained during peak hours on all three routes. Detours --when necessary-- will be clearly marked and advance warning will be posted to allow motorists to select alternate routes around the construction zone.

91ST AVENUE RAMPS TO AGUA FRIA FREEWAY

New single lane ramps will connect Grand Avenue to the Agua Fria Freeway via 91st Avenue north of Cactus Road. Southbound freeway traffic destined for Grand will use a ramp bridge over freeway lanes to link with 91st Avenue to proceed to Grand. Grand Avenue's connection to northbound freeway lanes will use an extended 91st Avenue as an entrance. Auxiliary lanes will be added to the Agua Fria between the new Grand Avenue ramps and Thunderbird Road.

Construction of the elevated ramp bridge from the Agua Fria to Grand will require periodic full closures of Loop 101, primarily nighttime and weekend closures. Work in the area will also cause restrictions on Cactus, 91st Avenue and Grand as new ramp crossings and intersections are completed. Disruption of local street traffic will be held to a minimum.

Enhanced storm drainage systems, including storm water channels, are included in the project along with numerous relocations of existing utilities.



FUTURE INTERSECTION RECONSTRUCTION PROJECTS

Grand Avenue at:	Work Begins:
43rd Ave. and Camelback Rd.	Early '03
51st Ave. and Bethany Home Rd.	Early '03
55th Ave. and Maryland Ave.	Mid '03
67th Ave. and Northern Ave.	Mid '03
75th Ave. and Olive Ave.	Mid '03
59th Ave. and Glendale Ave.	Late '04



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